Science Olympiad COBRA Invitational 2017 Dynamic Planet Test Answer Sheet Key

Multiple Choice Short Answer

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| 1.B |
| 2.D |
| 3.C |
| 4.A |
| 5.C |
| 6.B |
| 7.D |
| 8.C |
| 9.A |
| 10.A |
| 11.C |
| 12.B |
| 13.C |
| 14.B |
| 15.D |
| 16.A |
| 17.B |
| 18.C |
| 19.D |
| 20.D |
| 21.A |
| 22.C |
| 23.C |

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| 24. Seafloor spreading |
| 25. Arthur Holmes |
| 26. S. American & African, N. American & Eurasian, Antarctic & Australian, Nazca & Pacific, Indian & Somalian, Pacific & Antarctic, Scotia & Sandwich |
| 27. Back-arc basin |
| 28. Wilson Cycle |
| 29. Craton/Mountain belts or orogenic belts/continental margins |
| 30. Pangaea |
| 31. Liquefaction |
| 32. Aulocogen |
| 33. Intermontane Basin |
| 34. Grabens;Horsts |
| 35. A-Normal, B-Reverse, C-Strike-slip |
| 36. Syncline-E |
| 37. Dome-D |
| 38. Anticline-A |
| 39. Basin-B |
| 40. Monocline-C |
| 41. 4.37 cm/yr |
| 42. 4.20 cm/yr |
| 43. Increasing. Increase in thermal convection, faster subduction of the Pacific plate, increase in the amount of water inside the mantle. |
| 44. 13 seconds |
| 45. 32 seconds |
| 46. 76 seconds |
| 47. 90 seconds |
| 48. 26 seconds |
| 49. 39 seconds |
| 50. 13 seconds |
| 51. 100 miles |
| 52. 246 miles |
| 53. 585 miles |
| 54. 692 miles |
| 55. Los Angeles |